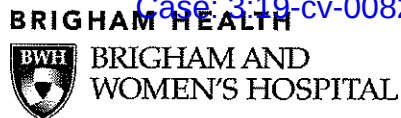


EXHIBIT A



Pamela L. Scheinman, MD
Associate Professor of Dermatology
Harvard Medical School

Director, Contact Dermatitis and Occupational Dermatology Program
Brigham and Women's Hospital

The Faculty of Medicine of Harvard University Curriculum Vitae

Date Prepared: December 16, 2020
Name: Pamela L. Scheinman
Office Address: 850 Boylston Street, Suite 437
Chestnut Hill, MA
02467
Home Address: Newton, MA
Work Phone: 617-732-9090
Work Email: pscheinman@bwh.harvard.edu
Place of Birth: USA

Education:

1982	BA, magna cum laude	Brandeis University
1986	MD	Mount Sinai School of Medicine

Postdoctoral Training:

1986-1987	Intern	Internal Medicine	St. Luke's Hospital, NY
1987-1990	Resident	Dermatology	University of Rochester, NY
1989-1990	Chief Resident	Dermatology	University of Rochester, NY

Faculty Academic Appointments:

1990-1991	Clinical Instructor	Dermatology	University of Rochester School of Medicine and Dentistry
1991-1993	Assistant Professor	Dermatology	George Washington University Medical Center
1993-2007	Assistant Professor	Dermatology	Tufts University School of Medicine

2007-2012	Associate Clinical Professor	Dermatology	Tufts University School of Medicine
2012-2015	Clinical Professor	Dermatology	Tufts University School of Medicine
2015-	Associate Professor	Dermatology	Harvard Medical School

Appointments at Hospitals/Affiliated Institutions:

1990-1991	Associate Attending Physician	Dermatology	Strong Memorial Hospital
1991-1993	Attending Physician	Dermatology	George Washington University Medical Center
1993-1994	Attending Physician	Dermatology	East Boston Health Center Boston City Hospital
1993-2014	Attending Physician	Dermatology	Tufts Medical Center
2014-	Attending Physician	Dermatology	Brigham and Women's Hospital

Other Professional Positions:

2007-2010	Chief Medical Division, Dermatology	Tufts Medical Center
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Major Administrative Leadership Positions:**Local**

1994-2014	Director and Founder of the Contact Dermatitis and Occupational Dermatology Unit	Tufts Medical Center
2010-2014	Director, fourth year medical student Dermatology rotation, Tufts Dermatology Department	Tufts Medical Center
2014-	Director and Founder of the Contact Dermatitis and Occupational Dermatology Program	Brigham and Women's Hospital
2015-	Program Director and Founder of the Contact Dermatitis and Occupational Dermatology Fellowship Program (GME-approved)	Brigham and Women's Hospital

Regional

1995-1998	Board of Directors	Massachusetts Academy of Dermatology
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National

1997-1998	Chairperson, Review Body for Resident Publications	American Journal of Contact Dermatitis
2006	Chairperson Nomination Committee	American Contact Dermatitis Society

2006-2009, 2010-2013	Board of Directors	American Contact Dermatitis Society
2007-2009	Chairperson, Health Care Policy	American Contact Dermatitis Society
2010-2012	Chairperson, Liaison Committee	American Contact Dermatitis Society
2013-2015	Vice President	American Contact Dermatitis Society
2014-2015	Chairperson, Cyberspace Committee	American Contact Dermatitis Society
2015-2016	Chairperson, Contact Allergen Management Program (CAMP), Quality and Accuracy (QA) Committee	American Contact Dermatitis Society
2016-2018	Chairperson, Contact Dermatitis and Devices Regulatory Policy Workgroup	American Academy of Dermatology Association
2018	Chairperson, Long Range Planning Committee	American Contact Dermatitis Society
2019	ACDS Mentoring Award Committee	American Contact Dermatitis Society
2020	ACDS Clinical Research Award Committee	American Contact Dermatitis Society
2020	ACDS Fisher Award and Lectureship Committee	American Contact Dermatitis Society

Committee Service:**Local**

2005	Glove Value Analysis Committee	Tufts – New England Medical Center (NEMC) Member
2006	Glove Policy Committee	Tufts – NEMC Member
2007	Allegiance Vinyl and Synthetic Gloves	Tufts – NEMC Member
2008	Wound Care Committee	Tufts Medical Center Member
2010	Moisturizer Stock Committee	Tufts Medical Center Member

Regional

2010-2014	Nomination Committee	New England Dermatologic Society Member
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National

1995-1998	Clinical Research Studies Committee	American Contact Dermatitis Society Member
1995-1998	Review Body for Resident Publications	American Contact Dermatitis Society Member

1998	Nominating Committee	American Contact Dermatitis Society Member
2000, 2013, 2014	Fisher Resident Committee	American Contact Dermatitis Society Member
2009	Core Allergen Committee	American Contact Dermatitis Society Member
2009-2012	Liaison Committee	American Contact Dermatitis Society Member
2010-2012	Regulatory Policy Committee, Nickel Workgroup	American Academy of Dermatology Member
2013-2014	Health Policy Committee	American Contact Dermatitis Society Member
2013-2014	Cyberspace Committee	American Contact Dermatitis Society Member
2013-2016	Contact Allergen Management Program (CAMP) Quality and Accuracy Committee	American Contact Dermatitis Society Member
2015-2017	Cross Reactor Committee	American Contact Dermatitis Society Member
2016	Nominating Committee	American Contact Dermatitis Society Member
2019	Mentorship Award Committee	American Contact Dermatitis Society Member

Professional Societies:

1990-	American Academy of Dermatology	Member
1991-	American Contact Dermatitis Society	Member
1994-	Massachusetts Academy of Dermatology	Member

Editorial Activities:

- **Ad hoc Reviewer**

Dermatitis Journal
Pediatric Dermatology Journal

- **Other Editorial Roles**

2018-	Occupational Dermatitis Section Co-Editor	Dermatitis Journal
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Honors and Prizes:

1992	Magna Cum Laude	Phi Beta Kappa, Brandeis University	
01/2000, 12/2000, 12/2002, 09/2006	Oliver Smith Award	New England Medical Center	Recognition of Compassion and Service for Patients

2012	Excellence in Teaching	Tufts Medical Center	Awarded by Dermatology Residents
2016	Excellence in Patient Satisfaction	Brigham and Women's Hospital	Press Ganey Results (April 2015-September 2015)
2018	Participant in Leadership Course	Harvard Medical School	Selected to participate in leadership course

Report of Funded and Unfunded Projects

Past

2009-2010	The role of contact allergens in chronic urticaria The American Contact Dermatitis Society PI, \$5000
2012-2013	A review of patch test results in psoriasis patients on biologics The American Contact Dermatitis Society PI, \$2500
2015-2016	"Comparison of soap, hand sanitizer, and 0.05% NaDCC, HTH, and NaOCl chlorine solutions in the development of dermatitis during frequent handwashing" US Aid Agency Co-PI with Daniele Lantagne, PhD, Tufts University, and Huw Taylor, University of Brighton, United Kingdom, \$84,200

Current

2017-	Allergen specific T cells and effector cytokines in allergic contact dermatitis to nickel in different intensity patch test reactions Human Skin Disease Resource Center, Brigham and Women's Hospital Co-PI with Ari Goldminz who received a visiting scholar grant, \$15,000
2018-	The Effects of Dupilumab on Allergic Contact Dermatitis Sanofi-Regeneron Pharmaceuticals; Funding amount TBD Investigator initiated study with co-investigators Ari Goldminz, MD, Joseph Merola MD, Elizabeth Buzney, MD

Report of Local Teaching and Training

Formal Teaching of Residents, Clinical Fellows and Research Fellows (post-docs):

1993-2014	Contact Dermatitis Lecture Series Residents	Tufts Medical Center Quarterly
1994-2014	Three month patch test rotation Dermatology Residents	Tufts Medical Center Clinic Twice Weekly
2010-2014	Journal Club Dermatology Residents	Tufts Medical Center Annually/Biannually
2010-2014	CPC Dermatology Residents	Tufts Medical Center Annually/Biannually
2013-2017	Occupational Medicine Residents	Occupational Contact Dermatitis
2014-2019	Harvard Combined Dermatology Program Dermatology Residents	Harvard Medical School Annual Lecture

2014-	Annual Intro to Contact Dermatitis Course Allergy Fellows	Harvard Medical School
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Clinical Supervisory and Training Responsibilities:

1993-2000, 2004-2006	Preceptor, Preclinical Selective Program	
1994-2000	Supervisor Occupational Medicine Residents Rotation	
2006-2007	Supervisor, Patch Testing Master Students	
2013-2014	Supervisor Occupational Medicine Residents Rotation	
2014-2015	Supervisor Oral Medicine Resident Rotation	
2014-	Supervisor Allergy and Immunology Fellows Rotation	
2016-2018	Preceptor Jahdonna Isaac, Medical Student, Research rotation	
2018-	Supervisor Occupational Medical Residents Rotation	

Trainees from:

Tufts University School of Medicine
New England College of Occupational and Environmental Medicine
Boston Medical Center
Harvard School of Public Health
Brigham and Women's Hospital, Oral Medicine Program
Brigham and Women's Hospital, Allergy and Immunology Program
Tufts University School of Medicine
Harvard School of Public Health

Research Supervisory and Training Responsibilities:

2005-2006	Mentor Margaret Lee Bellantoni, MD, Ph.D, Dermatology Resident	Resulted in oral presentation "Defibrillator Dermatitis" American Contact Dermatitis Society Annual Meeting, San Francisco, 2006; results published
2006-2007	Mentor Titi Olupona, M.D., Research Assistant	Resulted in oral presentation: "Acute Papulovesicular contact dermatitis stimulating a drug reaction requiring prednisone for patch testing" American Contact Dermatitis Society Annual Meeting, Washington DC, 2007; results published
2007-2008	Mentor Adam Asarch, Medical Student	Resulted in oral presentation "Sobitan sesquioleate, a common topical corticosteroid emulsifier, is an important contact allergen" which won the bronze Fisher Resident Award American Contact Dermatitis Society Annual Meeting, San Antonio, 2008; results published
2007-2008	Mentor David Rosmarin, M.D., Dermatology Resident	Resulted in oral presentation "A case series of ten patients patch tested while on systemic immunosuppressants" American Contact Dermatitis Society Annual Meeting, San Antonio, January 2008; results published
2008-2009	Mentor	"Contact allergens causing chronic urticaria in a New England area population." Dr. Kerbleski won the American Contact Dermatitis

	Joseph Kerbleski, M.D., Research Fellow	Research Grant Award for this project. "A fragrance paradox," selected for an oral presentation American Contact Dermatitis Society Annual Meeting, San Francisco, CA, March 2009
2008-2009	Mentor Emily Yu, M.D., Dermatology Resident	Mentor for published case report "Lip and perioral dermatitis caused by propyl gallate"
2008-2009	Mentor Katherine Szyfelbein, M.D., Dermatology Resident	Mentor for published case report "Systemic Contact Dermatitis Presenting as Lichen Planus of the Lip";
2009-2010	Mentor Israel Andrews, Medical Student	Selected for an oral presentation "Systemic hypersensitivity to an implantable cardioverter defibrillator without cutaneous findings" American Contact Dermatitis Society Annual Meeting, Miami, FL, March 2010; results published
2009-2010	Mentor Victoria Kuohung, M.D.	Selected for an oral presentation "Prevalence of aluminium allergy in dermatitis patients" American Contact Dermatitis Society Annual Meeting, Miami, FL, March 2010
2009-2011	Mentor Meghan Hession, Medical Student	Mentor for a case report "Lymphomatoid, granulomatous allergic contact dermatitis mimicking cutaneous T-cell lymphoma." "Atypical histological patterns of allergic contact dermatitis;" selected for poster presentation at the American Academy of Dermatology summer meeting, Chicago, IL, August 2010. Case series write-up "A fragrance paradox." "Role of contact allergens in chronic idiopathic urticaria", selected for an oral presentation at the Annual American Contact Dermatitis Society Meeting, New Orleans, LA, February 2011; results published
2010-2013	Mentor Brienne Cressey, Medical Student	"Allergy to Sorbitans, a follow up study," selected for an oral presentation at the Annual American Contact Dermatitis Society Meeting, New Orleans, LA, February 2011. Oral presentation, "Allergic Contact Dermatitis to an Ostomy Spray". Brienne was selected to give an oral presentation at the American Contact Dermatitis Society Annual meeting, March 2012. Case report published, "Systemic contact dermatitis of the lips due to allergy to an antimicrobial agent in a contact lens disinfecting solution." Case report published, "Periocular dermatitis from systemic exposure to nickel in a palatal expander and dental braces"
2011-2013	Mentor Noori Kim, M.D., Research Fellow	Mentor for a grant she submitted to the American Contact Dermatitis Society on patch testing reactions in psoriatic patients receiving biologic therapy. Dr Kim was awarded a paid research grant by the American Contact Dermatitis Society to perform this study at the ACDS Annual meeting, March 2012. Oral presentation, "Patch test results in psoriasis patients on biologic medications." Noori was

		selected to give an oral presentation at the American Contact Dermatitis Society Annual meeting, February 2013; results published
2013-2014	Mentor Nina Botto, M.D.	Mentor for a research project "Prevalence of Cal-Stat antiseptic handrub contact allergy in Tufts Medical Center Personnel"
2013-2014	Mentor Erin Penn, Medical Student	Mentor for a published case report of crusted scabies in an HTLV1 patient in a non-endemic area
2016-2017	Mentor Brandon Shutty, D.O., Fellow	Mentor for: 1) retrospective study of concordance of TRUE test patch test results versus comprehensive patch test results and 2) report of case series of occupationally induced contact dermatitis to benzalkonium chloride. Brandon was selected to give an oral presentation at the American Contact Dermatitis Society annual meeting, Orlando, FL, March 2017, and published his results in Dermatitis journal on our occupational cases.
2016-2017	Mentor Jahdonna Isaac, 1 st Year Medical Student	Mentor for a retrospective chart review of prevalence of positive patch test reactions to benzalkonium chloride, a commonly used preservative in personal care products. Jahdonna was selected to give an oral presentation at the American Contact Dermatitis Society annual meeting, Orlando, FL, March 2017 and published her results as an original study, "Benzalkonium chloride, an irritant and sensitizer."
2017	Mentor Ari Goldminz, M.D.	Mentor for a grant proposal for creating a validated clinical scoring system for ACD.
2017-2018	Mentor Ari Goldminz, M.D.	Mentor for his study about allergen specific T cells and effector cytokines in allergic contact dermatitis (ACD) after allergen avoidance.
2017-2018	Mentor Ari Goldminz, M.D.	Mentor for a grant proposal investigating clinical outcomes of patients together with urine and blood results in those patients with systemic ACD before and after avoidance of allergens.
2017-2018	Mentor Ari Goldminz, M.D.	Mentor for a prospective study: nickel sulfate 5% is more sensitive than nickel sulfate 2.5% for detection of nickel contact allergy; Dr Goldminz was selected to give an oral presentation at the Annual ACDS meeting, San Diego, February 2018 for this work and was awarded the BWH department of Dermatology travel award to present at the ACDS meeting; our findings have been published
2017-2018	Mentor Ari Goldminz, M.D.	Mentor for a collaborative investigator- initiated study together with other members of the BWH Dermatology department investigating use of Dupilumab in patients with ACD who have failed allergen avoidance and skin directed therapy. Our case series of 3 patients with allergic contact dermatitis cured with Dupilumab has been published.
2017-2018	Mentor Molly Wald, Undergraduate Student	Mentor for her published manuscript of a case report of a false negative repeat open application test (ROAT) to a lotion which showed an extreme reaction on patch testing.

2018-2019	Mentor Jahdonna Issac, Medical Student	Mentor on published case reports: 1) allergy to a surgical sponge, and 2) the pink sign in contact urticaria
2018-	Mentor Jahdonna Issac, Medical Student	Mentor on her retrospective study comparing prevalence of benzalkonium chloride allergy to methylisothiazolinone allergy in 615 dermatitis patients.
2018-2019	Mentor Chotini Lertphanichkul, M.D.	Mentor for her prospective study of occupational allergic contact dermatitis patients among 458 consecutive patients undergoing patch testing in our program. Dr Lertphanichkul was selected to give an oral presentation at the Annual ACDS meeting February 2019 on her results. Our manuscript has been published.
2018-	Mentor Ari Goldminz, M.D., and Chotini Lertphanichkul, M.D.	Mentor for their re-analysis of data comparing patch test results of the same or representative allergens tested via TRUE test versus those tested via our extended testing at BWH. Our data showed 87% of strong or extreme reactions detected on extended testing were negative on TRUE test to the same allergens in the same dermatitis patients. Approximately 1 strong or extreme reaction per patient was not detected via TRUE test, whether patients were retested within 8 weeks of TRUE test or 9-52 weeks after TRUE test. Our manuscript has been submitted for publication.
2019-2020	Mentor to Abdullah Alajaji, M.D.	Mentor for his retrospective analysis of ammonium persulfate allergy in 2138 dermatitis patients patch tested in our practice from July 2015-November 2019; Dr Alajaji was selected to give an oral presentation at the Annual ACDS meeting, Denver, Colorado, March 2020, for this work and was awarded the BWH department of Dermatology travel award to present at the ACDS meeting; Unfortunately, due to the Covid-19 pandemic, the annual meeting was cancelled. Our manuscript has been submitted for publication and has received favorable reviews; we are currently formulating our response to the reviewers.
2020-	Mentor to Kimberly Arrington, MD	Mentor for retrospective analysis of challenging eyelid dermatitis case series.
2020-	Mentor to Kimberly Arrington, MD	Mentor for retrospective analysis of challenging lip dermatitis case series.

Mentored Trainees and Faculty:

2016-2017	Brandon Shutt, D.O. Contact Dermatitis and Occupational Dermatology Fellowship at Brigham and Women's Hospital
2017-2018	Ari Goldminz, M.D. / Associate Physician Brigham and Women's Hospital Contact Dermatitis and Occupational Dermatology Fellowship at Brigham and Women's Hospital

2018-2019	Chotini Lertphanishkul, M.D. Contact Dermatitis and Occupational Dermatology Fellowship at Brigham and Women's Hospital
2019-2020	Abdullah Alajaji, M.D. Contact Dermatitis and Occupational Dermatology Fellowship at Brigham and Women's Hospital
2020-	Kimberly Arrington, MD Contact Dermatitis and Occupational Dermatology Fellowship at Brigham and Women's Hospital

Formal Teaching of Peers (e.g., CME and other continuing education courses):

Those presentations below sponsored by outside entities are so noted and the sponsor(s) is (are) identified.

2006	Updates in Dermatology Review Course (Amgen)	Tufts NEMC, Boston, MA
2007	Update your Dermatology Review Course Contact Dermatitis (Amgen)	Tufts NEMC, Boston, MA

Local Invited Presentations:

No presentations below were sponsored by 3rd parties/outside entities

2002	"Eyelid Dermatitis" / Grand Rounds Department of Ophthalmology, New England Medical Center, Boston, MA
2007	"Occupational Contact Dermatitis" / Grand Rounds Boston Medical Center, Boston, MA
2015	"Patch Testing and Allergic Contact Dermatitis" / In-Service for Staff Department of Dermatology, Brigham and Women's Hospital, Boston, MA
2015	"Lessons learned in the patch test clinic" / Didactic Series Allergy Department, Brigham and Women's Hospital, Boston, MA
2015	"Occupational Contact Dermatitis" / Didactic Series Occupational Medicine Resident, Harvard School of Public Health, Boston, MA
2015	"Oral and lip allergic contact dermatitis, approach and work up" / Lecture Series Division of Oral Medicine and Dentistry, Brigham and Women's Hospital, Boston, MA
2015-2018	"Occupational Contact Dermatitis" / Occupational Medicine Residents Lecture Harvard School of Public Health, Boston, MA
2015-	"Contact Dermatitis and Patch Testing" / Introductory Course for Allergy and Immunology Fellows Allergy Department, Brigham and Women's Hospital, Boston, MA
2016	"Lessons from my allergic contact dermatitis patients; a guide for the rash perplexed" / State of the Department Lecture Department of Dermatology, Brigham and Women's Hospital, Boston, MA
2016-2019	"Intro to Contact Dermatitis" / Residents Program Harvard Combined Dermatology Residents Program, Boston, MA
2018	"Interesting cases of oral and lip allergic contact dermatitis" / Lecture Series Division of Oral Medicine and Dentistry, Brigham and Women's Hospital, Boston, MA

- 2020 “Say what? A daily bowl of oatmeal is causing that rash? When to suspect systemic contact dermatitis and how to treat it”; Lecture to Combined Harvard Dermatology Residents, Boston, MA, March 2020,
- 2020 “Contact allergy and clinical relevance: get ready for some surprises”; Grand Rounds, Department of Dermatology, May 2020.

Report of Regional, National and International Invited Teaching and Presentations

No presentations below were sponsored by 3rd parties/outside entities

Regional

- 2006 “Contact Dermatitis” / Grand Rounds
Department of Dermatology, Roger Williams Hospital, Providence, RI
- 2007 “From acute to chronic dermatitis: how patch testing can enhance your clinical practice” / Society Meeting
Quinsigamond Dermatological Society Meeting, Worcester, MA
- 2007 “Patch testing pearls” / Lecture to Dermatology Residents
Department of Dermatology, University of Massachusetts, Worcester, MA
- 2008 “Occupational Contact Dermatitis” / Annual Meeting
New England College of Occupational and Environmental Medicine, Bedford, MA
- 2013-2014 “Occupational Contact Dermatitis” / Occupational Medicine Residents
Harvard School of Public Health, Boston, MA
- 2013 “Atypical cases of allergic contact dermatitis” / Grand Rounds
Department of Dermatology, Roger Williams Hospital, Providence, RI
- 2015 “Lessons Learned in the Patch Test Clinic” / Grand Rounds
Department of Dermatology, Boston Medical Center, Boston, MA
- 2016 “Interesting cases of allergic contact dermatitis” / Dermatology Didactic Series
Department of Dermatology, Tufts Medical Center, Boston, MA

National

- 1989 “Atypical fibroxanthoma after PUVA therapy” / Gross and Microscopic Symposium
American Academy of Dermatology Annual Meeting, San Francisco, CA
- 1991 “Common Dermatoses and Treatment” / Annual Meeting
American Academy of Family Practitioners, Washington, D.C.
- 1992 “Cutaneous tumors and common dermatoses.” / Peace Corps Medical Personnel
Peace Corps, Washington, D.C.
- 1992 “Allergic Contact Dermatitis” / Review Course
Physician’s Assistants Board Review Course, Washington D.C.
- 1992 “Acral subacute cutaneous lupus erythematosus, an unusual variant” / Poster presentation
Atlantic Dermatological Society Annual Meeting, Washington, D.C.
- 1993 “Non scarring alopecia, diagnosis and management.” / Grand Rounds
Department of Endocrinology, George Washington University Medical Center,
Washington, D.C.
- 1994 “Major Practical Topics in Contact Dermatitis” / Meeting moderator for “hands-on” patch testing workshop
American Contact Dermatitis Society, Boston, MA

- 1995 “Allergic Contact Dermatitis to an Amine Epoxy Resin Hardener Showing Cross Reactivity to Paraphenylenediamine” / Annual Meeting
American Contact Dermatitis Society, New Orleans, LA
- 1996 “Multiple Sensitizations in a Machinist using a New Cooling Fluid.” / Annual Meeting
American Contact Dermatitis Society, Washington, D.C.
- 1996 “Challenging cases of contact dermatitis.” / Breakfast Session, Annual Meeting
American Academy of Dermatology, Washington, D.C.
- 1997 “Is it really fragrance-free?” / Summer Meeting
American Contact Dermatitis Society and Penn State Continuing Education Department, Hershey, PA
- 1998 “Is it really fragrance-free; hidden sources of fragrance” / Contact Dermatitis Symposium at Annual Meeting
American Academy of Dermatology Annual Meeting, Orlando, FL
- 1998 “Fragrance allergy, evaluation and management.” / Mid-year Meeting
American Contact Dermatitis Society, Dixville Notch, NH
- 1998 “Allergic contact dermatitis to a wound dressing.” / Annual Meeting
American Contact Dermatitis Society, Orlando, FL
- 2000 “Updates on Contact Dermatitis” / Preparation for Recertification Course, Annual Meeting
American Academy of Dermatology, San Francisco, CA
- 2001 “Updates on Contact Dermatitis” / Preparation for Recertification Course, Annual Meeting
American Academy of Dermatology, Washington DC
- 2004 Contact Dermatitis Section / Moderator, Annual Meeting
Atlantic Dermatologic Society Annual Meeting, Boston, MA
- 2006-2007 Roundtable Luncheon Discussion, Annual Meeting
American Contact Dermatitis Society, San Francisco, CA
- 2007 “Interesting cases of contact dermatitis from New England” / Winter Meeting
North Carolina Dermatology Association, Pinehurst, NC
- 2007 “Diagnosis and treatment of fragrance allergic contact dermatitis” / Summer Meeting
American Contact Dermatitis Society and Penn State Continuing Education Department, Hershey, PA
- 2009 “Current topics in contact dermatitis” / Course Director, Summer Meeting
American Academy of Dermatology, Boston, MA
- 2009 “In the clinic: patient counseling and education pearls” / Annual Meeting
American Academy of Dermatology, San Francisco, CA
- 2011 “In the clinic: patient counseling and education pearls” / Annual Meeting
American Academy of Dermatology, New Orleans, LA
- 2011 “Atypical presentations of allergic contact dermatitis” / Annual Meeting
Atlantic Dermatological Conference, Boston, MA
- 2013 “Patient Counseling in the patch test clinic” / Basic Patch Testing Course, Annual Meeting
American Academy of Dermatology, San Diego, CA
- 2014 “Patient Counseling in the patch test clinic” / Basic Patch Testing Course, Annual Meeting
American Academy of Dermatology, Denver, CO

- 2016 “Systemic Contact Dermatitis” / Invited Speaker Focus Session: Patch Test Allergens 101: A detective’s Toolkit, Summer meeting
American Academy of Dermatology, Boston, MA
- 2017 “Systemic contact dermatitis and interesting cases of allergic contact dermatitis; a guide to the rash perplexed” / Invited Speaker, Grand Rounds
Department of Dermatology, Rush University Medical Center, Chicago, IL
- 2018 “A wink and a nod to eyelid contact allergy” / Invited Speaker, Grand Rounds
Department of Ophthalmology, Colombia University, New York, NY
- 2019 “A wink and a nod to eyelid contact allergy” / Invited Speaker
American Contact Dermatitis Society Annual Meeting, Washington, D.C.
- 2020 “Systemic contact dermatitis,” Invited speaker for Forum: Advanced Patch Testing Pearls from the ACDS, American Academy of Dermatology, Annual meeting, Denver, CO
This presentation was scheduled, but then cancelled because of a Covid-19 travel/meeting ban. Rescheduled for March 2021. Cancelled again because of Covid-19.
- 2020 “Curing contact dermatitis: cases which may cause you to re-think your perceptions of contact allergy” / Visiting Professor, Invited Lecturer, Grand Rounds
Indiana University School of Medicine Department of Dermatology *This presentation was scheduled, but then cancelled because of a Covid-19 travel/meeting ban. Rescheduled for May 2021*

International

- 2000 “Fragrance allergy prevalence”
European Association of Dermatology and Venereology Meeting, Geneva, Switzerland
- 2012-2013 “Interesting and atypical cases of allergic contact dermatitis” / Dermatology Lecture Seminar
Department of Dermatology, Hadassah Hospital, Jerusalem, Israel
- 2018 “Systemic contact dermatitis and other interesting cases of allergic contact dermatitis” / Dermatology Lecture Seminar
Department of Dermatology, Sheba Hospital, Ramat Gan Israel

Report of Clinical Activities and Innovations

Current Licensure and Certification:

- 1987 New York Medical License #171212-1
- 1990 Dermatology Board Certification, American Board of Dermatology
- 1993 Massachusetts Medical License #77928
- 2009 Board Recertified in Dermatology, American Board of Dermatology

Practice Activities:

- | | | | |
|-------|------------------------|---|---------------------|
| 2014- | Ambulatory Care Center | Dermatology, Brigham and Women’s Hospital | 6 sessions per week |
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Clinical Innovations:

Contact Dermatitis and Occupational Dermatology Unit / Tufts Medical Center	First to establish a Contact Dermatitis and Occupational Dermatology Unit at Tufts Medical Center (TMC).
GME approved Contact Dermatitis Fellowship / Tufts Medical Center	First to establish a GME approved Contact Dermatitis and Occupational Dermatology Fellowship at TMC.
Fragrance-Free	First to report that “fragrance-free” is not free of fragrance materials (JAAD 1999; 41:1020-4)
Contact Allergens Causing Urticaria	First to retrospectively study contact allergens causing chronic idiopathic urticaria in an American series (Dermatitis 2012; 23 (3): 110-116)
Patch Test Results	First to retrospectively study patch test results in a series of patients concurrently on various oral immunosuppressants and immunomodulatory agents (Dermatitis 2009; 20(5): 265-70)
Sorbitan Sesquioxide	First to report that sorbitan sesquioxide, a common emulsifier in topical corticosteroids, is an important contact allergen (Dermatitis 2008; 19(6): 323-7)
Patch Test Results of Psoriasis Patients	First to report on patch test results of psoriasis patients on biologic therapy (Dermatitis 2014; 25(4): 182-90)
Contact Dermatitis and Occupational Dermatology Unit / Brigham and Women’s Hospital	First to establish a Contact Dermatitis and Occupational Dermatology Program at Brigham and Women’s Hospital (BWH).
GME approved Contact Dermatitis Fellowship / Brigham and Women’s Hospital	First to establish a GME approved Contact Dermatitis and Occupational Dermatology Program at BWH.
Ostomy Products in Contact Dermatitis	Member of team to report that ostomy products are significant sources of contact dermatitis in ostomy patients.
Dilute Chlorine Hand Washes	Member of team to first report that dilute chlorine hand washes do not cause significantly more hand dermatitis than soap and water or hand sanitizers in settings of multiple hand washings.
Benzalkonium Chloride	Reported that benzalkonium chloride and potential cross reacting chemicals present in many popular over the counter eczema/sensitive skin products, are associated with significant contact sensitization and should be used with caution in patients with impaired skin barriers.
Nickel 5%	First to report that nickel 5% is significantly more sensitive than nickel 2.5% in detecting nickel contact allergy and recommend further investigation for use in testing to this concentration in North America.
Dupilumab	Reported use of atopic dermatitis drug, dupilumab, as useful for treating allergic contact dermatitis (Dermatol Ther 2018; 31(6):e12701).

Contact Urticarial Allergens	Reported on contact urticarial allergens causing dermatitis and recalcitrant cutaneous and non-skin symptoms which could only have been elucidated via a 20 minute occlusion time investigating for urticarial responses to allergens, rather than the usual 48 hours of occlusion (Dermatitis 2019; 30 (2): 168-169).
Eyelid ACD	Have presented findings of dramatic cures of eyelid dermatitis patients via avoidance of topical and sometimes ingested allergens at national invited lectures/meetings.
Frontal Fibrosing Alopecia/Lichen planopilaris and ACD	Member of a team to report on potential role of contact allergens in FFA/LPP
Occupational ACD	Reported prevalence of occupational ACD (3.9%) in 458 consecutive dermatitis patients, finding health care workers and hair dressers as the most common occupations in our cohort with rubber additives followed by cosmetic/preservative and textile allergens as most common classes of allergens.
Clinical Relevance	Presented at BWH Grand Rounds about clinical relevance determination immediately post patch testing. Emphasized that often one cannot accurately predict which allergens are clinically relevant until time has elapsed and patient performs allergen avoidance.

Report of Education of Patients and Service to the Community

No presentations below were sponsored by 3rd parties/outside entities

Activities

2005	Maimonides School, Brookline, MA / Lecturer "ABCDs of Moles" Lecture to grade school students.
2011, 2012	Massachusetts State House Skin Cancer Screenings / Volunteer
2016	Maimonides High School / Lecturer and Mentor Lectured and mentored high school students in the Moc Docs Club.
2018	Congregation Shaarei Tefillah, Newton, MA / Invited Speaker Synagogue educational forum, how Judaism influences my practice of dermatology.
2019	Boston Healthcare for the Homeless / Volunteer Volunteer for Boston Healthcare for the Homeless Screening in Boston, MA under the direction of Molly Cavanaugh-Hussey, M.D., MPH
2019	Met with Irina Mordukhovich, PhD, MSPH, Research Associate, Harvard School of Public Health to discuss textile allergic contact dermatitis for a project she is conducting re textile contact allergy in the airline industry, July 2019
2019	Met with Caitrin Lynch, PhD, Professor of Anthropology, Olin College of Engineering to discuss textile contact allergy and other contact dermatitis related subjects for a research project she is conducting, July 2019

Educational Material for Patients and the Lay Community:
Books, monographs, articles and presentations in other media

1998	Nickel Allergy and Body Piercing	Interview	NECN
1998	The use of Ivy block for prevention of poison ivy	Interview	NBC
1999	Nickel Allergy	Interview	Reuters
1999	Nickel Allergies on the Rise	Interview	Dermatology Times
1999	Inclusion of Fragrance Materials in Fragrance-Free Products	Interview	Web MD
2005	Topical Scrubs and Irritant Dermatitis	Interview	Simple Magazine
2006	Inclusion of Fragrance Materials in Fragrance-Free Products	Interview	NBC News
2007	Article discussing Fragrance Allergy presentation at the Summer American Contact Dermatitis Society Meeting, Hershey, PA	Article	Skin and Allergy News
2009-2010	Mayo Clinic Reviewing Cross Reacting Chemicals	Volunteer Consultant to Jimmy Yiannes, M.D.	Contact Allergen Replacement Database
2010	Skin Care Product Entries	Judge	National Parenting Publications Awards (NAPPA) Website
2011	Poison Ivy	Interview	Web MD
2011	Topical corticosteroids with sorbitans can spur allergic reaction	Front Cover (Brienne Cressey's presentation at the ACDS annual meeting in New Orleans)	International Medicine News
2016	Allergy to Preservatives	Interview by Natalie Engler	SkinSafe Article

Patient educational material

Patch testing and contact dermatitis used for patient teaching	Scripted and appeared in educational video for patients at Tufts Medical Center and Brigham and Women's Department of Dermatology	www.vidscrip.com/dr/pamelascheinman
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Contact Allergens	Created educational handouts on contact allergens for patients used in Dermatology Clinics
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Recognition:

2005	“Who’s who in Medicine Academia”	
2008	Referenced in General Dermatology Textbook: Bologna JL, Jorizzo JL, Rapini RP: <i>Dermatology</i> , 2nd ed, Mosby 2008, vol 1 (page 218), about my work exposing fragrance chemicals in some “fragrance-free” products.	
2008	Referenced in Contact Dermatitis Textbook: Rietschel RL and Fowler JF: <i>Fisher’s Contact Dermatitis</i> , 6th ed, BC Decker, Inc 2008 (page 399), about my work exposing fragrance chemicals in some “fragrance-free” products.	
2014	The Global Directory of Who’s Who: Top Doctors	
2015	Top Dermatologist	International Association of Dermatologists
2017-2020	Top Doctor	Castle Connolly, Boston Magazine
2018-2020	Exceptional Women in Medicine Award	Castle Connolly
2018-2020	Regional Top Doctor	Castle Connolly
2019	Referenced in Contact Dermatitis Textbook: Fowler JF and Zirwas MJ: <i>Fisher’s Contact Dermatitis</i> , 7th ed, Contact Dermatitis Institute (page 337), about my work exposing fragrance chemicals in some “fragrance-free” products.	
2019	Special recognition for teaching of Occupational and Environmental Medicine Residents (OEMR), written up in OEMR Annual Report	Harvard School of Public Health

Report of Scholarship**Peer-Reviewed Scholarship in print or other media:****Research Investigations**

1. **Scheinman PL**, Peck GL, Rubinow Dr., DiGiovanna JJ, Abangan DL, Ravin PD. Acute depression from isotretinoin. *J Am Acad Dermatol* 1990 Jun;22(6 Pt 1):1112-14. PMID: 2142496
2. Asarch A, **Scheinman PL**. Sorbitan Sesquioleate, a Common Emulsifier in Topical Corticosteroids, is an Important Contact Allergen. *Dermatitis*. 2008 Nov-Dec;19(6):323-7. PMID: 19134436

3. Asarch A, **Scheinman P**. Sorbitan Sesquileate: An Emerging Contact Allergen. *Dermatitis*. 2008 Nov-Dec;19(6):339-41. PMID: 19134439
4. Asarch A, Gottlieb A, Lee J, Masterpol K, **Scheinman PL**, Stadecker M, Massaroti E, Bush ML. Lichen Planus-like eruptions: an emerging side effect of TNF-Alpha antagonists. *J Am Acad Dermatol*. 2009 Jul;61(1):104-11. doi: 10.1016/j.jaad.2008.09.032. Review. PMID: 19539844
5. Rosmarin D, Asarch A, Gottlieb A, **Scheinman PL**. Patch-testing while on systemic immunosuppressants. *Dermatitis*. 2009 Sep-Oct;20(5):265-70. PMID: 19808001
6. Volf E, Au SC, Dumont N, **Scheinman P**, Gottlieb AB. A Phase 2, Open-Label, Investigator-Initiated Study to Evaluate the Safety and Efficacy of Apremilast in Subjects with Recalcitrant Allergic Contact or Atopic Dermatitis. *J Drugs Dermatol*. 2012 Mar;11(3):341-346. PMID: 22395585
7. Hession M, **Scheinman P**. The role of contact allergens in chronic idiopathic urticaria. *Dermatitis*. 2012 May-Jun;23(3):110-116. doi: 10.1097/DER.0b013e318250b448. PMID: 22653171
8. Cressey B, **Scheinman P**. Contact Allergy to Sorbitans, a follow up study. *Dermatitis*. 2012 Jul-Aug;23(4):158-161. doi: 10.1097/DER.0b013e318260d75f. PMID: 22828254
9. Kim N, Notik S, Gottlieb A, **Scheinman P**. Patch Test Results in Psoriasis Patients on Biologics. *Dermatitis* 2014 Jul-Aug; 25 (4): 182-90. doi: 10.1097/DER.0000000000000056. PMID: 25000235
10. Cressey B, Viswanath BR, **Scheinman P**, Silvestri D, McEntee N, Livingston V, Lacouture M, Zippin JH. Stoma care products represent a common and previously underreported source of peristomal contact dermatitis. *Contact Dermatitis*. 2017 Jan;76(1):27-33. doi: 10.1111/cod.12678. Epub 2016 Aug 31. PMID: 27576564; PMCID: PMC5523875
11. Wolfe MK, Wells E, Mitro B, Desmarais AM, **Scheinman P**, Lantagne D. Seeking Clearer Recommendations for Hand Hygiene in Communities Facing Ebola: A Randomized Trial Investigating the Impact of Six Handwashing Methods on Skin Irritation and Dermatitis. *PLOS One*. 2016 Dec 28;11(12):e0167378. doi:10.1371/journal.pone.0167378. eCollection 2016. PMID: 28030544; PMCID: PMC5193384
12. Wolfe MK, Gallandat K, Daniels K, Desmarais AM, **Scheinman P**, Lantagne D. Handwashing and Ebola virus disease outbreaks: A randomized comparison of soap, hand sanitizer, and 0.05% chlorine solutions on the inactivation and removal of model organisms *Phi6* and *E. coli* from hands and persistence in rinse water. *PLOS ONE* 2017 Feb 23;12(2):e0172734. doi: 10.1371/journal.pone.0172734. eCollection 2017. PMID: 28231311; PMCID: PMC5322913
13. Isaac J, **Scheinman PL**. Benzalkonium chloride, an irritant and sensitizer. *Dermatitis*. 2017 28(6):346-352. doi: 10.1097/DER.0000000000000316. PMID: 28885313
14. Zhu H, Suresh R, Farahnik B, Jeon C, Warshaw E, **Scheinman P**, Mowad C, Botto N, Brod B, Taylor J, Atwater A, Watsky K, Schalock P, Machler B, Helms S, Jacob S, Murase J. Survey of Patch Test Business Models in the United States by the American Contact Dermatitis Society; *Dermatitis*. 2018 Mar-Apr;29(2):85-88. doi: 10.1097/DER.0000000000000355. PMID: 29494395
15. Goldminz AM, **Scheinman PL**. A comparative study of nickel sulfate 2.5% and nickel sulfate 5% for the detection of nickel contact allergy. *Dermatitis*. 2018; Nov/Dec;29 (6) :321-323. doi: 10.1097/DER.0000000000000419. PMID: 30422885
16. Prasad S, Marks DH, Burns L, De Souza B, Flynn EA, **Scheinman P**, Silvestri D, Yu J, LoSicco K, MM Senna. Patch testing and contact allergen avoidance in patients with lichen planopilaris and/or frontal fibrosing alopecia: a cohort study. *J Am Acad Dermatol*. 2020; 83(2):659-661.
17. Lertphanichkul C, **Scheinman P**. Occupational allergic contact dermatitis (OACD) in a cohort of 458 consecutive dermatitis patients; A case series of 17 patients with OACD. *J Am Acad Dermatol*. 2020 Jun 1;S0190-9622(20)31008-2

Other peer-reviewed scholarship

1. **Scheinman PL**, Helm KF, Fairley JA. Acral necrosis in a patient with chronic renal failure. *Arch Dermatol*. 1991 Feb;127(2):248-9, 251-2. PMID: 1990994
2. **Scheinman PL**. Acral subacute cutaneous lupus erythematosus: an unusual variant. *J Am Acad Dermatol*. 1994 May;30(5 Pt 1):800-801. PMID: 8176027
3. **Scheinman PL**. Klippel-Trenaunay-Weber Syndrome mimicking Pyoderma Gangrenosum. *Int J Dermatol*. 1995 Oct;34(10):717-9. PMID: 8537163
4. **Scheinman PL**. Allergic Contact Dermatitis to Fragrance: A Review. *Am J Contact Dermat*. 1996 Jun;7(2): 65-76. PMID: 8796745
5. **Scheinman PL**. Is it really fragrance-free? *Am J Contact Dermat*. 1997 Dec;8(4):239-242. PMID: 9358119
6. **Scheinman PL**. The foul side of fragrance-free products: What every clinician should know about managing patients with fragrance allergy. *J Am Acad Dermatol*. 1999 Dec;41(6):1020-4. PMID: 10570392
7. **Scheinman PL**. The foul side of fragrance-free products. *J Am Acad Dermatol*. 2000 Jun;42(6):1087. PMID: 10827419.
8. **Scheinman PL**. Prevalence of fragrance allergy. *Dermatology*. 2002;205(1):98-102. PMID: 12145450
9. **Scheinman PL**. Exposing covert fragrance chemicals. *Am J Contact Dermat*. 2001 Dec;12(4):225-228. Review. PMID: 11753900
10. Davis MD, Mowad CM, **Scheinman PL**. Orthopedic prostheses: is there any point in patch testing? *Dermatitis*. 2004 Dec;15(4):210-212. PMID: 15842067
11. Olupona, T, **Scheinman PL**. Successful patch testing despite concomitant low dose prednisone use. *Dermatitis*. 2008 Mar-Apr;19(2):117-118. PMID: 18413118
12. Rosmarin D, Bush M, **Scheinman PL**. Patch testing a patient with allergic contact hand dermatitis who is taking infliximab. *J Am Acad Dermatol*. 2008 Jul;59(1):145-7. doi: 10.1016/j.jaad.2008.02.016. Epub 2008 May 12. PMID: 18468722
13. Yu Y, **Scheinman PL**. Lip and perioral dermatitis caused by propyl gallate. *Dermatitis*. 2010 Mar-Apr;21(2):118-9. PMID: 20233553
14. Szyfelbein Masterpol K, Gottlieb AB, **Scheinman PL**. Systemic contact dermatitis presenting as lichen planus of the lip. *Dermatitis* 2010 Jul-Aug;21(4):218-19. PMID: 20646675
15. Hession MT, **Scheinman PL**. Lymphomatoid allergic contact dermatitis mimicking cutaneous T-cell lymphoma. *Dermatitis*. 2010 Jul-Aug;21(4):220. PMID: 20646676
16. Andrews ID, **Scheinman P**. Systemic hypersensitivity (without cutaneous manifestations) to an implantable cardioverter defibrillator. *Dermatitis*. 2011 May;22(3):161-4. PMID: 21569746
17. Cressey BD, **Scheinman PL**. Periocular Dermatitis from Systemic Exposure to Nickel in a Palatal Expander and Dental Braces. *Dermatitis*. 2012 Jul-Aug;23(4):179. doi: 10.1097/DER.0b013e318260d5e5. PMID: 22828260
18. Cressey BD, **Scheinman PL**. Systemic contact dermatitis of the lips due to an allergy to an antimicrobial agent in a contact lens disinfecting solution. *Contact Dermatitis*. 2012 Oct;67(4):239-40. doi: 10.1111/j.1600-0536.2012.02088.x. PMID: 22957487
19. Botto NC, Penn EH, Grant BM, Kogelman L, Gottlieb AB, **Scheinman PL**. Diffuse crusting of the skin. *Cutis*. 2015 Aug;96(2):E1-3. PMID: 26367755
20. Mowad CM, Anderson B, **Scheinman P**, Pootongkam S, Nedorost S, Brod B. Allergic Contact Dermatitis: Patient Diagnosis and Evaluation. *J Am Acad Dermatol*. 2016 Jun;74(6):1029-40. doi: 10.1016/j.jaad.2015.02.1139. Review. PMID: 27185421
21. Mowad CM, Anderson B, **Scheinman P**, Pootongkam S, Nedorost S, Brod B. Allergic Contact Dermatitis: Patient Management and Education. *J Am Acad Dermatol*. 2016 Jun;74(6):1043-54. doi: 10.1016/j.jaad.2015.02.1144. Review. PMID: 27185422
22. Schalock PC, Crawford G, Nedorost S, **Scheinman PL**, Atwater AR, Mowad C, Brod B, Ehrlich A, Watsky KL, Sasseville D, Silvestri D, Worobec SM, Elliott JF, Honari G, Powell DL, Taylor J,

- DeKoven J. Patch Testing for Evaluation of Hypersensitivity to Implanted Metal Devices: A Perspective From the American Contact Dermatitis Society. *Dermatitis*. 2016 Sep-Oct;27(5):241-7. doi: 10.1097/DER.0000000000000210. Review. PMID: 27649347
23. Shutty B, **Scheinman PL**. Occupationally Induced Allergic Contact Dermatitis to Aerosolized Quaternary Ammonium Compounds. *Dermatitis* 2017;28(6):369. doi: 10.1097/DER.0000000000000326. PMID: 29135682
 24. Shutty BG, **Scheinman PL**. Allergic contact mucositis caused by metal: a covertly located permanent dental retainer. *Contact Dermatitis*. 2018 Jan;78(1):88-90. doi: 10.1111/cod.12848. PubMed PMID: 29265445.
 25. Goldminz, A, Wald M, **Scheinman PL**. Positive occluded patch test in the face of negative repeat open application test. *Dermatitis* 2018; 29 (3):162-3. doi: 10.1097/DER.0000000000000372. PMID: 29762209
 26. Zhu H, Suresh R, Warshaw E, **Scheinman P**, Mowad C, Botto N, Brod B, Taylor J, Atwater A, Watsky K, Schalock P, Machler B, Helms S, Jacob S, Murase J; A review of the medical necessity of comprehensive patch testing. *Dermatitis* 2018;29 (3):107-111. doi: 10.1097/DER.0000000000000362. Review. PMID: 29613858
 27. Goldminz AM, **Scheinman PL**. A case series of dupilumab-treated allergic contact dermatitis patients. *Dermatol Ther* 2018; 31(6):e12701. doi: 10.1111/dth.12701. Epub 2018 Sep 24. PMID: 30246906
 28. Isaac J, Goldminz AM, **Scheinman PL**. “Pink Sign”: The importance of short-term occlusive testing in suspected cases of contact urticaria. *Dermatitis*. 2019 Mar/Apr;30(2) :168-169. doi: 10.1097/DER.0000000000000441. PMID: 30829798
 29. Isaac J, Goldminz AM, **Scheinman PL**. Don’t forget the sponge. *Contact Dermatitis*. 2019 Mar 20. doi: 10.1111/cod.13270. [Epub ahead of print] PMID: 30891773

Non-peer reviewed scholarship in print or other media:

Reviews, chapters, monographs and editorials

1. Practical Contact Dermatitis: A Handbook for the Practitioner. Jere Guin (ed). **Scheinman PL**. Arch Dermatol 1995; 131(11):1347.
2. Lee-Bellantoni M, Gunkel J, **Scheinman PL**. Defibrillator Dermatitis. US Dermatology Reviews 2007. Touch Briefings, London, UK. November 2007.
3. Asarch A, **Scheinman P**. Focus on the non-T.R.U.E. Test Allergen – Sorbitans. Skin and Aging, November 2008.
4. **Scheinman P**. Allergic contact Dermatitis: Educating the patient. The Dermatologist (formerly Skin and Aging), August 2012; 20 (8): 21-26.
5. Watson A, Johnson N, **Scheinman P**. Dermatitis of the Vulva. In: Up to Date, Post TW (Ed), UpToDate, Waltham, MA (Accessed on December 28, 2018.)

Professional educational materials or reports, in print or other media:

2014 Created a video explaining allergic contact dermatitis and the patch test procedure:
www.vidscrip.com/dr/pamelascheinman

2016, 2018, 2020 Invited lecturer for audio recording of “Contact Dermatitis and Patch Testing” for Brigham Board Review in Allergy & Immunology, CME course

Abstracts, Poster Presentations and Exhibits Presented at Professional Meetings:

1. Kim N, Gottlieb A, **Scheinman P**. A Case Control Review of patch test results in psoriasis patients on biologics. *Dermatitis* 2013; 24(4): 8.

2. Badri O, Patil A, Peters T, Lian C, Granter S, **Scheinman P**. A 65- year-old woman with self-healing recurrent eruption of pruritic erythematous papules. New England Dermatological Society Meeting, Massachusetts General Hospital, January 2016.
3. Gunasekera N, Butler D, Lezcano M, Clark R, MD, **Scheinman P**, Liu S, Nambudiri V. A 47 year old woman with refractory dermatitis of the hand following puncture injury. New England Dermatological Society Meeting, Lahey Clinic, MA, October, 2016
4. Storer M, Maniar LG, Goldberg L, **Scheinman PL**. A 50-year old man with recurrent hemorrhagic bullae on the lips, nasal mucosa, and dorsal hands and feet. New England Dermatological Society Meeting, Lahey Clinic, MA, October, 2016.
5. Vedak P, **Scheinman P**. Follow up case: Systemic Amyloidosis; A 50-year old man with recurrent hemorrhagic bullae on the lips, nasal mucosa, and dorsal hands and feet. New England Dermatological Society Meeting, Beth Israel Deaconess Medical Center, February **2018**.
6. Goldminz A, **Scheinman P**. Perioral dermatitis in a saxophone player. New England Dermatological Society Meeting, Beth Israel Deaconess Medical Center, February **2018**

Narrative Report

I founded and directed the Contact Dermatitis and Occupational Dermatology Unit at Tufts Medical Center from 1994- 2014. In September 2014, I joined the Dermatology Department at BWH. Seventy five percent of my time is dedicated to clinical activities, 20 % to clinical research and 5 % to administration.

My Area of excellence is in **Clinical Expertise and Innovation**. I am an expert in the field of Contact Dermatitis and Occupational Dermatology. In 1994, I established a Contact Dermatitis and Occupational Dermatology Unit at Tufts Medical Center and then 20 years later, I established a Contact Dermatitis and Occupational Dermatology Program at BWH. Over the years I have diagnosed and treated thousands of tertiary care patients with the most refractory types of dermatitis, referred from dermatologists, allergists, ophthalmologists, occupational medicine specialists, oral medicine specialists, pediatricians, orthopedists, and internists throughout United States and abroad.

I patch test greater than 450 patients yearly, the majority referred from practices outside BWH dermatology. Our Fellowship is one of the handful of department- sponsored, GME- approved Contact Dermatitis and Occupational Dermatology Fellowships in the United States.

My previous Fellow was selected to give an oral presentation at the 2020 annual ACDS meeting (which unfortunately was cancelled due to Covid-19) in reference to an epidemiologic study of 2138 consecutive dermatitis patients in our practice with contact allergy to ammonium persulfate in a 48 month period. We found 2.85% of our patients had either strong or extreme reactions to this bleaching agent/disinfectant. Our prevalence was much higher than that found by the NACDG (0.75%). Of those patients with definite clinical relevance, 86% had occupational ACD and 57% were hairdressers. It's important for physicians to be aware of allergy to persulfate, especially in hairdressers. A manuscript of our findings has been submitted to the Dermatitis journal and has received favorable reviews. I anticipate acceptance for publication soon.

The TRUE test is the only FDA approved patch testing device in the US. Our group has found 87% of strong or extreme reactions detected on extended testing were negative on TRUE test to the same allergens in the same dermatitis patients within a one year period. Approximately 1 strong or extreme reaction per patient was not detected via TRUE test, whether patients were retested within 8 weeks of TRUE test or 9-52 weeks after TRUE test. Our manuscript has been submitted for review.

Based on our group's findings of benzalkonium chloride (BAK) as a more prevalent allergen than methylisothiazolinone (MI) (Isaac J and Scheinman PL Dermatitis 2017; 28(6): 346), the NACDG decided to add BAK to its standard series as of February 2019; previously, BAK was not routinely tested by the NACDG.

My colleague and associate-director of our program has been awarded a visiting scholar research grant from the Human Skin Disease Resource Center at BWH to conduct research on allergen specific T cells. Our group has found that often questionable reactions on patch testing are indeed clinically relevant. We are recruiting patients to identify contact allergen-specific T cell clones present in different intensity patch test reactions to nickel including questionable (?), strong (2+) or extreme (3+) reactions. We will quantify inflammatory genes, immune pathways, and upstream regulators in these different intensity reactions. We hypothesize that ? reactions to nickel on patch testing will have similar gene and immunohistochemical expression and allergen specific T-cells compared to 2+ and 3+ reactions to nickel, albeit weaker in the ? reactions. We will also compare both sets of samples to controls. We hope our research will help patients by maximizing the ability to cure patients given all information gained by patch testing.

Our group has been collaborating with BWH Dermatology colleagues for an investigator- initiated study which has been approved for funding, for a study of treatment of allergic contact dermatitis patients with the atopic dermatitis drug, Dupilumab. Our group has previously published on a case series of patients with ACD cured with Dupilumab.

Another previous Fellow has had a manuscript published in the JAAD detailing occupational allergic contact in 17 (3.7%) dermatitis patients among 458 consecutive dermatitis patients patch tested by us. The most common occupations in our cohort were health care workers followed by hairdressers. The most common allergens by class were rubber additives followed by cosmetic/preservative and textile allergens followed by metals.

Significant Supporting Activities:

Administration

I am section co-editor for the Occupational Dermatitis section, Dermatitis journal and, therefore, am responsible for selecting the most clinically important occupational articles to be published in the Dermatitis journal. Additionally, I am a member of the American Contact Dermatitis Society's (ACDS) Clinical Research Award Committee which decides which clinical research grant applications to fund for a given year.

Teaching and Education

Over the past 30 years I have regularly taught Dermatology residents in clinic and via didactics. I have mentored medical students, residents, and fellows who have attained various academic achievements.

In July 2015, I received approval from the Partners Education Committee to begin the first Contact Dermatitis and Occupational Dermatology Fellowship at BWH. As of July 2020, I completed training my first four Fellows; My first Fellow began his own Contact Dermatitis and Occupational Dermatology Practice in Florida. My second Fellow has joined our faculty at BWH, is associate-director of our program, and is continuing his clinical and research activities in allergic contact dermatitis and is a wonderful addition to our program. My third Fellow, a dermatologist from Thailand, has initiated a Contact Dermatitis and Occupational Dermatology Program in her hospital in Thailand. My fourth Fellow, a dermatologist from Saudi Arabia, plans to establish his own Contact Dermatitis Program in his city.

National/International Recognition

I have been elected 3 times by vote of the national membership of the ACDS to leadership positions within that organization. I have been invited to speak at many national meetings/conferences and academic centers and have been invited to speak internationally. I have been interviewed for web-based and print publications, on radio and TV for various contact dermatitis-related subjects.

In Summary

I am very happy to have joined the illustrious clinicians and researchers at BWH's Dermatology Department. I have founded a Contact Dermatitis and Occupational Dermatology Program at BWH and trained my first three Fellows. I will be collaborating with T cell and other experts within BWH in conducting clinical and translational research. I anticipate that the BWH Contact Dermatitis and Occupational Dermatology Program will be a magnet for dermatitis patients, clinical/translational research and clinical trials.